



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Kristen J. HUGHES

Art Unit: 1724

Application Number: 09/857,419

Examiner: Chester Barry

Filed: January 18, 2002

Attorney Dkt. No.: 4636-001

For: PHOSPHOROUS REMOVAL FROM ANIMAL WASTE

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JUN 17 2003  
TC 1700

Pre  
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**SUPPLEMENTAL PRELIMINARY AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

June 13, 2003

Sir:

Prior to examination on the merits, please amend the above-identified application as follows.

**IN THE CLAIMS:**

Please cancel all claims without prejudice or disclaimer and enter the following new claims.

50. (new) A method for reducing an amount of bio-available phosphorus in an organic waste product, liquid wastewater or soil, comprising the step of adding to the organic waste product, liquid wastewater or soil a composition or mixture comprising a byproduct from a titanium dioxide manufacturing process in an amount sufficient to immobilize some or all of the phosphorus present in the organic waste product, liquid wastewater or soil, wherein the byproduct comprises about 2-10% by weight calcium, about 10-20% by weight iron, and about 8% by weight titanium dioxide.

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01 FC:1201  
02 FC:1202

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180.00 OP